LISTING OF THE CLAIMS

Please cancel claims 1-23, amend claims 24 and 25 and add new claims 26-46 as follows.

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-23 (Cancelled).

24. (Currently Amended) A method of treating an individual who has metastasized colorectal cancer comprising the step of administering to such an individual a therapeutically effective amount of a vaccine ~~of claim 1.~~ comprising a nucleic acid molecule that encodes a protein comprising at least one epitope of human ST receptor protein.

25. (Currently Amended) A method of treating an individual who has been identified as being susceptible to metastasized colorectal cancer comprising the step of administering to such an individual a prophylactically effective amount of a vaccine ~~of claim 1.~~ comprising a nucleic acid molecule that encodes a protein comprising at least one epitope of human ST receptor protein.

26. (New) The method of claim 24 wherein said protein comprises an epitope of the extracellular domain of the human ST receptor protein.

27. (New) The method of claim 24 wherein said protein comprises the extracellular domain of the human ST receptor protein.

28. (New) The method of claim 24 wherein the protein comprises the human ST receptor protein.

29. (New) The method of claim 24 wherein the protein consists of the human ST receptor protein.

30. (New) The method of claim 24 wherein the nucleic acid molecule that encodes said protein is within an infectious agent.

31. (New) The method of claim 24 wherein the nucleic acid molecule that encodes said protein is within a viral vector.

32. (New) The method of claim 31 wherein said viral vector is a recombinant vaccinia virus.

33. (New) The method of claim 31 wherein said viral vector is a recombinant adenovirus virus.

34. (New) The method of claim 24 wherein the nucleic acid molecule that encodes said protein is within a bacterial cell.

35. (New) The method of claim 24 wherein the nucleic acid molecule that encodes said protein is a plasmid.

36. (New) The method of claim 25 wherein said protein comprises an epitope of the extracellular domain of the human ST receptor protein.

37. (New) The method of claim 25 wherein said protein comprises the extracellular domain of the human ST receptor protein.

38. (New) The method of claim 25 wherein the protein comprises the human ST receptor protein.

39. (New) The method of claim 25 wherein the protein consists of the human ST receptor protein.

40. (New) The method of claim 25 wherein the nucleic acid molecule that encodes said protein is within an infectious agent.

41. (New) The method of claim 25 wherein the nucleic acid molecule that encodes said protein is within a viral vector.

42. (New) The method of claim 41 wherein said viral vector is a recombinant vaccinia virus.

43. (New) The method of claim 41 wherein said viral vector is a recombinant adenovirus virus.

44. (New) The method of claim 25 wherein the nucleic acid molecule that encodes said protein is within a bacterial cell.

45. (New) The method of claim 25 wherein the nucleic acid molecule that encodes said protein is a plasmid.

46. (New) The method of claim 25 wherein the individual has been previously been diagnosed with colorectal cancer.